

Converting Colors

XYZ(31.2450, 26.2284, 97.1817)

Have a look what the booklet for
XYZ(31.2450, 26.2284, 97.1817)
contains.

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Color

**XYZ(31.2862, 26.3109,
97.1955)**

Conversions

Conversions Part 1

Format	Color
Hex	6384FE
RGB	99, 132, 254
RGB Percent	39%, 52%, 100%
CMY	0.6117, 0.4823, 0.0039
CMYK	0.61, 0.48, 0.00, 0.00
HSL	227°, 99%, 69%
HSV	227°, 61%, 100%
XYZ	31.2862, 26.3109, 97.1955
YIQ	136.0410, -58.8300, 30.9460

Conversions

Conversions Part 2

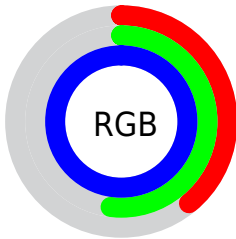
Format	Color
R _Y B	99, 126, 254
Decimal	6522110
CIE Lab	58.33, 24.84, -64.41
CIE LCh	58, 69.037, 291.086
Yxy	26.3109, 0.2021, 0.1700
Android (android.graphics.Color)	4284712190 (0xFF6384FE)
YUV	136.0410, 58.1538, -32.4850
Hunter-Lab	51.2942, 19.1090, -76.4406

Details

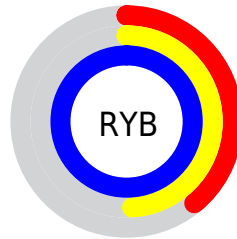
The XYZ color **31.2862, 26.3109, 97.1955** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **68.9843, 73.6889, 22.3939**, and the grayscale version is **23.2233, 24.4327, 26.6072**.

A 20% lighter version of the original color is **50.0969, 49.4950, 101.5208**, and **13.1447, 10.2172, 53.5039** is the 20% darker color. If you saturate the color by 10%, you get **26.4785, 20.1862, 96.2673**, and if you desaturate by 10%, it is **37.4881, 33.9259, 98.3391**.

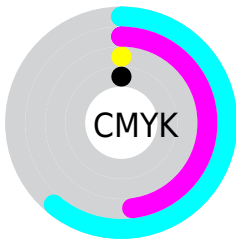
Distribution



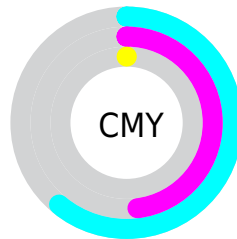
- Red (39%)
- Green (52%)
- Blue (100%)



- Red (39%)
- Yellow (49%)
- Blue (100%)



- Cyan (61%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2862, 26.3109, 97.1955 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 31.2862, 26.3109, 97.1955 by changing the saturation by 10% instead.

■ 31.2862, 26.3109,
97.1955

■ 31.2862, 26.3109,
97.1955

299.6581,
284.3049, 572.3329

■ 20.9698, 17.0564,
73.3567

■ 61.0632, 53.7761,
159.3159

■ 13.2142, 10.2747,
53.7741

■ 81.2544, 72.7555,
198.4345

■ 7.6543, 5.5815,
38.0291

■ 105.4680, 95.7454,
243.4835

■ 3.9245, 2.5923,
25.7033

134.0692,
123.1301, 294.8815

■ 1.6595, 0.9228,
16.3780

167.4235,
155.2940, 353.0468

■ 0.4307, 0.0000,
9.6348

205.8962,

■ 0.0000, 0.0000,

192.6215, 418.3981

5.0551

249.8526,
235.4970, 491.3540

■ 0.0000, 0.0000,
2.2203

■ 0.0000, 0.0000,
0.6861

■ 31.2862, 26.3109,
97.1955

■ 31.2862, 26.3109,
97.1955

■ 26.4785, 20.1862,
96.2673

■ 37.4881, 33.9259,
98.3391

■ 22.9467, 15.4461,
95.5385

■ 45.1820, 43.1219,
99.7086

■ 20.5572, 11.9732,
94.9941

■ 54.4608, 53.9846,
101.3162

■ 19.2119, 9.8006,
94.6457

■ 65.4086, 66.5929,
103.1729

■ 78.1034, 81.0205,
105.2886

■ 92.6183, 97.3367,
107.6729

■ 94.8895, 99.9358,
108.0549

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.5855, 26.3109, 103.0461



31.2862, 26.3109, 97.1955



39.8129, 26.3109, 68.6809

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.2862, 26.3109, 97.1955



36.5988, 26.3109, 5.6141



12.1957, 26.3109, 22.0564

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31.2862, 26.3109, 97.1955



68.9843, 73.6889, 22.3939

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.4203, 26.3109, 8.2969



31.2862, 26.3109, 97.1955



27.5972, 26.3109, 2.9330

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.2862, 26.3109, 97.1955



43.3268, 26.3109, 15.0112



19.6310, 26.3109, 3.5249



12.7536, 26.3109, 48.7412

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.2862, 26.3109, 97.1955



43.6298, 26.3109, 46.4284



19.6310, 26.3109, 3.5249



12.6203, 26.3109, 16.1088

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31.2874, 26.3117, 97.1962



69.6706, 71.3855, 104.7145



53.5623, 78.7267, 80.3742



14.1529, 14.4126, 22.2859



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.2874, 26.3117, 97.1962



25.9065, 19.3054, 96.9686



33.6664, 21.9137, 96.2219



17.3163, 18.0043, 22.8125



10.2145, 5.3386, 49.9267



1.0696, 0.6700, 4.8862

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.5008, 31.6621, 25.3326



46.0911, 26.5907, 17.0237



64.2974, 85.4994, 24.9206



18.1676, 18.0503, 19.4996



21.9440, 11.2669, 3.0896



2.1745, 1.1122, 0.5004

Previews

White Background



This preview shows how the XYZ color 31.2862, 26.3109, 97.1955 looks on a white background.

Color Contrast Check

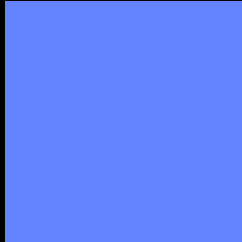
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 31.2862, 26.3109, 97.1955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

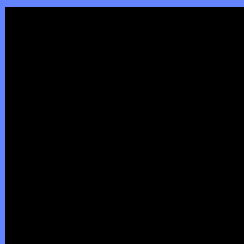
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

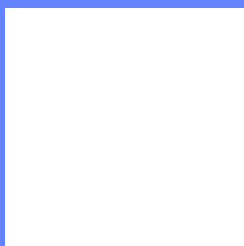
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.2862, 26.3109, 97.1955

Background



This preview shows how black text looks on a background with the XYZ color 31.2862, 26.3109, 97.1955.



This preview shows how white text looks on a background with the XYZ color 31.2862, 26.3109,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

31.2862, 26.3109, 97.1955

Protanopia

30.1624, 26.5338, 98.1395

Deuteranopia

27.4248, 26.4676, 95.7588



Tritanopia

19.8137, 26.3398, 39.6371

Trichromacy



Original Color

31.2862, 26.3109, 97.1955

Protanomaly

30.6445, 26.5742, 98.1219

Deuteranomaly

27.9003, 25.8267, 96.4431

Tritanomaly

22.8759, 25.6597, 56.5705

Monochromacy



Original Color

31.2862, 26.3109, 97.1955

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.9690, 24.7936, 46.1175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2862, 26.3109, 97.1955 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(99, 132, 254)` looks like.

```
.text, #text, p{  
    color:rgb(99, 132, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(99, 132, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 132, 254) }
```

Border

The CSS property to change the border of an element to XYZ 31.2862, 26.3109, 97.1955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 132, 254) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(99, 132, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(99, 132, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 132, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 132, 254);  
box-shadow:4px 4px 4px 4px rgb(99, 132,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2862, 26.3109, 97.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 132, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(99, 132,  
254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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